

Title (en)

DEVICE FOR PRODUCING A PACKAGING, COMPRISING AN INDEPENDENT MANDREL WHEEL DRIVE

Title (de)

VORRICHTUNG ZUR HERSTELLUNG VON VERPACKUNGEN MIT EINEM UNABHÄNGIGEN DORNRADANTRIEB

Title (fr)

DISPOSITIF DE FABRICATION D'EMBALLAGES DOTÉ D'UN ENTRAÎNEMENT DE ROUE DE MANDRIN INDÉPENDANT

Publication

EP 3645263 A1 20200506 (DE)

Application

EP 18728137 A 20180530

Priority

- DE 102017114614 A 20170630
- EP 2018064143 W 20180530

Abstract (en)

[origin: WO2019001883A1] The invention relates to a device (1') for producing a packaging, in particular for machining packaging casings (6), comprising: a mandrel wheel (2) which comprises a mandrel wheel shaft (7) with a central axis (8); multiple mandrels (9) which are secured to the mandrel wheel shaft (7), wherein the mandrels (9) form at least one mandrel group, the mandrels (9) of which are arranged on a plane perpendicular to the central axis (8) of the mandrel wheel shaft (7); at least one first machining station (B1 - B5) which is arranged on the mandrel wheel (2) and which comprises a drive (A1 - A5); and a mandrel wheel drive (11) for driving the mandrel wheel shaft (7). The mandrel wheel drive (11) is mechanically uncoupled from the drive (A1 - A5) of the at least one machining station (B1 - B5).

IPC 8 full level

B31B 50/04 (2017.01); **B31B 100/00** (2017.01); **B31B 110/35** (2017.01); **B31B 120/30** (2017.01)

CPC (source: EP US)

B31B 50/024 (2017.07 - EP US); **B31B 50/322** (2017.07 - EP US); **B31B 2100/0022** (2017.07 - EP); **B31B 2110/35** (2017.07 - EP US); **B31B 2120/30** (2017.07 - EP); **B31B 2120/302** (2017.07 - US)

Citation (search report)

See references of WO 2019001883A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2019001883 A1 20190103; CN 110831751 A 20200221; CN 110831751 B 20220715; DE 102017114614 A1 20190103; EP 3645263 A1 20200506; JP 2020525315 A 20200827; JP 6941192 B2 20210929; US 11376808 B2 20220705; US 2020101687 A1 20200402

DOCDB simple family (application)

EP 2018064143 W 20180530; CN 201880044209 A 20180530; DE 102017114614 A 20170630; EP 18728137 A 20180530; JP 2019571611 A 20180530; US 201816621522 A 20180530